



**CONTRACTORS STATE LICENSE BOARD
LICENSE EXAMINATION STUDY GUIDE**



PLUMBING (C-36)

Content of the Examination

The Plumbing (C-36) Examination is divided into five major sections:

- 1. Planning and Estimating (21%)**
 - Plan reading
 - Bidding
 - Pipe sizing
 - Water conservation
- 2. Rough-in and Top-out Plumbing Systems (27%)**
 - Underground installations
 - Piping layout
 - Piping installation
 - Fuel gas piping
 - Residential fire sprinklers
- 3. Finish Plumbing Installations (14%)**
 - Plumbing fixtures
 - Water heaters
 - Shut-off valves
 - Specialty installations
 - Industrial piping
- 4. Service, Repair, and Remodel Plumbing Systems (20%)**
 - Troubleshooting plumbing
 - Isolating leaks and damage
 - Repairing plumbing
 - Retrofitting plumbing
- 5. Worker and Job Site Safety (18%)**
 - Job site safety
 - Personnel safety
 - Public safety

Percentages are approximate

Test Site Policy

This is a closed-book examination. No reference materials may be used during the examination. All materials brought to the examination site must be left in an unmonitored area at your own risk.

Test Strategy

This is a multiple-choice examination with four choices per question. Some questions require mathematical computation. Examination questions are written to provide only one BEST answer and are NOT written as trick questions.

There is no penalty for guessing. If you are unsure about a particular question, it is better to try to answer the question than to leave the question blank.

Plenty of time is provided to answer all examination questions, so be sure to read each question and its four choices completely and carefully before selecting the BEST possible answer to the question.

Sample Questions

Below are three typical examination questions. The correct answer is marked with "➡."

1. What type of wall fitting should a contractor use to install a wall-mounted water closet?
 - a. A hubless closet ring
 - b. An approved spud fitting
 - c. An approved closet flange
 - ➡ d. An approved carrier fitting
2. What is the total charge for four 8-hour days' use of a backhoe, if the cost for rental is \$400 per day and operator cost is \$30 per hour?
 - a. \$3,200
 - ➡ b. \$2,560
 - c. \$1,840
 - d. \$1,600
3. Temperature relief valves must have what transitional length before PEX is used?
 - a. 15"
 - ➡ b. 18"
 - c. 24"
 - d. 36"

All questions are written and reviewed by licensed contractors who are actively working in the field

Resources

Publisher information for reference books and code is provided below. Other sources for reference books may be found online. California code books can be viewed online:

<https://law.resource.org/pub/us/code/bsc.ca.gov/>

California Building Code (2013). California Code of Regulations, Title 24. International Code Council.

PHONE: (800) 786-4452

INTERNET: www.iccsafe.org

California Mechanical Code (2013).

California Code of Regulations, Title 24. International Association of Plumbing and Mechanical Officials (IAPMO).

PHONE: (800) 854-2766

INTERNET: www.iapmo.org

California Plumbing Code (2013). California Code of Regulations, Title 24. International Association of Plumbing and Mechanical Officials (IAPMO).

PHONE: (800) 854-2766

INTERNET: www.iapmo.org

NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes.

National Fire Protection Association.

PHONE: (800) 344-3555

INTERNET: www.nfpa.org

VIEW ONLINE: www.nfpa.org

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction Safety Orders (Cal/OSHA). 2015. California Code of Regulations, Title 8. Mancomm.

PHONE: (877) 626-2666

INTERNET: www.mancomm.com

VIEW ONLINE:

www.dir.ca.gov/dosh/LawAndRegulations.htm

Underground Service Alert Guidelines

(2013). California Government Code 4216 and California Business & Professions Code 7110.

PHONE: (800) 227-2600 OR 811

INTERNET: www.usanorth.org OR

www.digalert.org

Publisher information is current as of 3/15